

Table 1. Recommendations for Update of the Section 303(d) List for the Lahontan Region					
Waterbody Name	Proposed Action	Pollutant(s)/Stressor(s)	TMDL Priority Ranking¹	TMDL End Date²	Comments
Surprise Valley HU 641.00³					
Upper Alkali Lake	Remove from 303(d) List	Salinity/TDS/Chlorides	NA	NA	Impairment is natural; no “pollutants”
Middle Alkali Lake	Remove from 303(d) List	Salinity/TDS/Chlorides	NA	NA	Impairment is natural; no “pollutants”
Lower Alkali Lake	Remove from 303(d) List	Salinity/TDS/Chlorides	NA	NA	Impairment is natural; no “pollutants”
Mill Creek	Retain on 303(d) List	Sedimentation/Siltation	Medium	2011	Needs study to verify need for TMDL
Susanville HU 637.00					
Eagle Lake	Retain on 303(d) List ⁴	Nitrogen	High	2008	
Eagle Lake	Retain on 303(d) List ⁴	Phosphorus	High	2008	
Pine Creek	Retain on 303(d) List	Sedimentation/Siltation [actual problem: Fish Habitat Alterations]	High	2011 ⁵	TMDL probably not needed ⁵
Lassen Creek	Retain on 303(d) List	Flow Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Susan River	Retain on 303(d) List	Unknown Toxicity	High	2007	Listed for toxic bioassay results
Top Spring	Remove from 303(d) List	Radiation	NA	NA	Impairment is natural; no “pollutants”
Amedee Hot Springs	Remove from 303(d) List	Metals	NA	NA	Impairment is natural; no “pollutants”
Wendel Hot Springs	Remove from 303(d) List	Metals	NA	NA	Impairment is natural; no “pollutants”
Honey Lake	Retain on 303(d) List	Arsenic	Medium	2005	Natural sources plus geothermal discharges
Honey Lake	Retain on 303(d) List	Salinity/TDS/Chlorides	Medium	2005	Natural sources plus geothermal discharges
Honey Lake Area Wetlands	Retain on 303(d) List	Metals	Medium	2007	Natural sources plus geothermal discharges
Honey Lake Wildfowl Mgmt. Ponds	Retain on 303(d) List	Flow Alterations	Low	2007 ⁵	TMDL probably not needed ⁵
Honey Lake Wildfowl Mgmt Ponds	Retain on 303(d) List	Salinity/TDS/Chlorides	Medium	2007	Natural sources plus geothermal discharges
Honey Lake Wildfowl Mgmt. Ponds	Retain on 303(d) List	Metals	Medium	2007	Natural sources plus geothermal discharges
Honey Lake Wildfowl Mgmt. Ponds	Retain on 303(d) List	Trace Elements	Medium	2007	Natural sources plus geothermal discharges
Skedaddle Creek	Retain on 303(d) List	High Coliform Count	Low	2006	Further study may lead to delisting
Little Truckee River HU 636.00					
Stampede Reservoir	Remove from 303(d) List	Pesticides [Lindane] ⁶	NA	NA	TSMP- insufficient data for listing ⁸
Truckee River HU 635.00					
Donner Lake	Remove from 303(d) List	Priority Organics [PCBs, Chlordane] ⁶	NA	NA	TSMP- insufficient data for listing ⁸
Truckee River	Retain on 303(d) List	Sedimentation/Siltation	High	2005	TMDL development in progress
Bear Creek	Retain on 303(d) List	Sedimentation/Siltation	High	2005	TMDL development in progress
Bronco Creek	Retain on 303(d) List	Sedimentation/Siltation	High	2005	TMDL development in progress
Gray Creek	Retain on 303(d) List	Sedimentation/Siltation	High	2005	TMDL development in progress
Squaw Creek	Retain on 303(d) List	Sedimentation/Siltation	High	2003	TMDL development in progress
Cinder Cone Springs	Retain on 303(d) List	Nutrients	Medium	2007	Further study may lead to delisting
Cinder Cone Springs	Retain on 303(d) List	Salinity/TDS/Chlorides	Medium	2007	Further study may lead to delisting
Lake Tahoe HU 634.00					
Snow Creek	Remove from 303(d) List	Habitat Alterations	NA	NA	Restoration program implemented
Lake Tahoe	Retain on 303(d) List ⁴	Phosphorus	High	2007	TMDL development in progress
Lake Tahoe	Retain on 303(d) List ⁴	Nitrogen	High	2007	TMDL development in progress
Lake Tahoe	Retain on 303(d) List	Sedimentation/Siltation	High	2007	TMDL development in progress
Upper Truckee River	Add to 303(d) List	Iron	Medium	After 2015	Standard needs revision
Upper Truckee River	Add to 303(d) List	Phosphorus	High	After 2015	To be coordinated with Lake Tahoe TMDL

Table 1. Lahontan Region 303(d) List Update, continued					
Waterbody Name	Proposed Action	Pollutant(s)/Stressor(s)	TMDL Priority Ranking¹	TMDL End Date²	Comments
Lake Tahoe HU 634.00 continued					
Upper Truckee River above Christmas Valley	Add to 303(d) List	Pathogens	High	After 2015	Standard for fecal coliform bacteria violated
Big Meadow Creek	Add to 303(d) List	Pathogens	High	After 2015	Standard for fecal coliform bacteria violated
Heavenly Valley Creek above USFS property line	Retain on 303(d) List	Sediment	High	2001	TMDL completed 2001, awaiting final approvals
Heavenly Valley Creek below USFS property line	Add to 303(d) List	Sediment	Medium	After 2015	Restoration program may eliminate need for TMDL
Heavenly Valley Creek	Add to 303(d) list	Chloride	Low	After 2015	Standard needs revision
Heavenly Valley Creek above USFS property line	Add to 303(d) List	Phosphorus	High	After 2015	To be coordinated with Lake Tahoe TMDL
Hidden Valley Creek	Add to 303(d) List	Phosphorus	High	After 2015	To be coordinated with Lake Tahoe TMDL
Hidden Valley Creek	Add to 303(d) List	Chloride	Low	After 2015	Standard needs revision
Trout Creek	Add to 303(d) List	Phosphorus	High	After 2015	To be coordinated with Lake Tahoe TMDL
Trout Creek	Add to 303(d) List	Iron	Medium	After 2015	Standard needs revision
Trout Creek	Add to 303(d) List	Nitrogen	High	After 2015	To be coordinated with Lake Tahoe TMDL
Trout Creek below Hwy 50 in S. Lake Tahoe	Add to 303(d) List	Pathogens	High	After 2015	Standard for fecal coliform bacteria violated
Tallac Creek below Hwy 89	Add to 303(d) List	Pathogens	High	After 2015	Standard for fecal coliform bacteria violated
Ward Creek	Retain on 303(d) List	Sedimentation/Siltation	High	2007	To be coordinated with Lake Tahoe TMDL
Ward Creek	Add to 303(d) List	Phosphorus	High	After 2015	To be coordinated with Lake Tahoe TMDL
Ward Creek	Add to 303(d) List	Nitrogen	High	After 2015	To be coordinated with Lake Tahoe TMDL
Ward Creek	Add to 303(d) List	Iron	Medium	After 2015	Standard needs revision
General Creek	Add to 303(d) List	Phosphorus	High	After 2015	To be coordinated with Lake Tahoe TMDL
General Creek	Add to 303(d) List	Iron	Medium	After 2015	Standard needs revision
Blackwood Creek	Retain on 303(d) List	Sedimentation/Siltation	High	2007	TMDL development in progress
Blackwood Creek	Add to 303(d) List	Phosphorus	High	After 2015	To be coordinated with Lake Tahoe TMDL
Blackwood Creek	Add to 303(d) List	Nitrogen	High	After 2015	To be coordinated with Lake Tahoe TMDL
Blackwood Creek	Add to 303(d) List	Iron	Medium	After 2015	Standard needs revision
West Fork Carson River HU 633.00					
West Fork Carson R., headwaters to Woodfords	Add to 303(d) List	Phosphorus	High	After 2015	
West Fork Carson R., headwaters to Woodfords	Add to 303(d) List	Percent Sodium	Medium	After 2015	Standard needs revision
West Fork Carson R., headwaters to Woodfords	Add to 303(d) List	Nitrogen	High	After 2015	
West Fork Carson R., Woodfords to Paynesville	Add to 303(d) List	Percent Sodium	Medium	After 2015	Standard needs revision
West Fork Carson R., Woodfords to Paynesville	Add to 303(d) List	Nitrogen	High	After 2015	
West Fork Carson R., Woodfords to State Line	Add to 303(d) List	Pathogens	Medium	After 2015	Standard for fecal coliform bacteria violated
East Fork Carson River HU 632.00					
East Fork Carson River	Remove from 303(d) List	Nutrients	NA	NA	Incorrect assumption led to listing
Indian Creek Reservoir	Retain on 303(d) List	Nutrients	High	2002 ⁷	
Indian Creek	Retain on 303(d) List	Habitat Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Indian Creek	Add to 303(d) List	Pathogens	Medium	After 2015	Standard for fecal coliform bacteria violated
Monitor Creek	Retain on 303(d) List ⁴	Iron	High	2011	TMDL to be coordinated with CERCLA remediation
Monitor Creek	Retain on 303(d) List ⁴	Silver	High	2011	TMDL to be coordinated with CERCLA remediation

Table 1. Lahontan Region 303(d) List Update, continued					
Waterbody Name	Proposed Action	Pollutant(s)/Stressor(s)	TMDL Priority Ranking ¹	TMDL End Date ²	Comments
East Fork Carson River HU 632.00, continued					
Monitor Creek	Retain on 303(d) List ⁴	Aluminum	High	2011	TMDL to be coordinated with CERCLA remediation
Monitor Creek	Retain on 303(d) List ⁴	Manganese	High	2011	TMDL to be coordinated with CERCLA remediation
Monitor Creek	Add to 303(d) List	Sulfate	High	After 2015	TMDL to be coordinated with CERCLA remediation
Monitor Creek	Add to 303(d) List	Total Dissolved Solids	High	After 2015	TMDL to be coordinated with CERCLA remediation
Wolf Creek	Retain on 303(d) List	Sedimentation/Siltation	High	2011	
Aspen Creek	Retain on 303(d) List	Metals	High	2011	TMDL to be coordinated with CERCLA remediation
Bryant Creek	Retain on 303(d) List	Metals	High	2011	TMDL to be coordinated with CERCLA remediation
Leviathan Creek, at and below Leviathan Mine	Retain on 303(d) List	Metals	High	2011	TMDL to be coordinated with CERCLA remediation
West Walker River HU 631.00					
Topaz Lake	Retain on 303(d) list	Sedimentation/Siltation	High	2007	
West Walker River	Retain on 303(d) List	Sedimentation/Siltation	High	2009	
Fales Hot Springs	Remove from 303(d) List	Metals	NA	NA	Impairment is natural; no “pollutants”
Hot Creek	Remove from 303(d) List	Metals	NA	NA	Impairment is natural; no “pollutants”
East Walker River HU 630.00					
Bridgeport Reservoir	Retain on 303(d) List ⁴	Nitrogen	High	2005	TMDL development in progress
Bridgeport Reservoir	Retain on 303(d) List ⁴	Phosphorus	High	2005	TMDL development in progress
Bridgeport Reservoir	Retain on 303(d) List	Sedimentation/Siltation	High	2005	TMDL development in progress
East Walker River above Bridgeport Reservoir	Add to 303(d) List	Pathogens	Medium	After 2015	Standard for fecal coliform bacteria violated
East Walker River below Bridgeport Reservoir	Add to 303(d) List	Nitrogen	High	After 2015	To be coordinated with TMDL for Bridgeport Res.
East Walker River below Bridgeport Reservoir	Add to 303(d) List	Phosphorus	High	After 2015	To be coordinated with TMDL for Bridgeport Res.
East Walker River below Bridgeport Reservoir	Remove from 303(d) List	Metals	NA	NA	TSMP- insufficient data for listing ⁸
East Walker River below Bridgeport Reservoir	Retain on 303(d) List	Sedimentation/Siltation	High	2009	
Robinson Creek, Hwy 395 to Bridgeport Res.	Add to 303(d) List	Nitrogen	High	After 2015	To be coordinated with TMDL for Bridgeport Res.
Robinson Creek, Twin Lakes to Bridgeport Res.	Add to 303(d) List	Pathogens	Medium	After 2015	Standard for fecal coliform bacteria violated
Swauger Creek	Add to 303(d) List	Pathogens	Medium	After 2015	Standard for fecal coliform bacteria violated
Swauger Creek	Add to 303(d) List	Phosphorus	High	After 2015	To be coordinated with TMDL for Bridgeport Res.
Buckeye Creek	Add to 303(d) List	Pathogens	Medium	After 2015	Standard for fecal coliform bacteria violated
Buckeye Creek	Add to 303(d) List	Phosphorus	High	After 2015	To be coordinated with TMDL for Bridgeport Res.
Virginia Creek	Add to 303(d) List	Pathogens	Medium	After 2015	Standard for fecal coliform bacteria violated
Green Creek	Retain on 303(d) List	Habitat Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Rough Creek	Retain on 303(d) List	Habitat Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Aurora Canyon Creek	Retain on 303(d) List	Habitat Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Hot Springs Canyon Creek	Retain on 303(d) List	Sedimentation/Siltation	Medium	2005	Needs study to verify need for TMDL
Clark Canyon Creek	Retain on 303(d) List	Habitat Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Clearwater Creek	Retain on 303(d) List	Sedimentation/Siltation	Medium	2005	Needs study to verify need for TMDL
Bodie Creek	Retain on 303(d) List	Metals	High	2004	Impairment probably related to past mining activity

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Waterbody Name	Proposed Action	Pollutant (s)/Stressor(s)	TMDL Priority Ranking¹	TMDL End Date²	Comments
Mono HU 601.00					
Lee Vining Creek	Retain on 303(d) List	Flow Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Mill Creek	Retain on 303(d) List	Flow Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Grant Lake	Remove from 303(d) List	Arsenic	NA	NA	Impairment is natural; no “pollutants”
Mono Lake	Remove from 303(d) List	Salinity/TDS/Chlorides	NA	NA	Impairment is natural; no “pollutants”
Owens HU 603.00					
Haiwee Reservoir	Retain on 303(d) List	Copper	Low	2003	TMDL development in progress
Mammoth Creek	Retain on 303(d) List	Metals	High	2008	Needs study to verify need for TMDL
Hot Creek	Remove from 303(d) List	Metals	NA	NA	Impairment is natural; no “pollutants”
Little Hot Creek	Remove from 303(d) List	Arsenic	NA	NA	Impairment is natural; no “pollutants”
Twin Lakes (Mammoth)	Retain on 303(d) List ⁴	Nitrogen	Low	2008	Needs study to verify need for TMDL
Twin Lakes (Mammoth)	Retain on 303(d) List ⁴	Phosphorus	Low	2008	Needs study to verify need for TMDL
Little Alkali Lake	Remove from 303(d) List	Arsenic	NA	NA	Impairment is natural; no “pollutants”
Big Springs	Remove from 303(d) List	Arsenic	NA	NA	Impairment is natural; no “pollutants”
Owens River	Remove from 303(d) List	Arsenic	NA	NA	Impairment is natural; no “pollutants”
Owens River (Long HA)	Retain on 303(d) List	Habitat Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Owens River (Upper)	Retain on 303(d) List	Habitat Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Owens River (Lower)	Retain on 303(d) List	Habitat Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Crowley Lake	Remove from 303(d) List	Arsenic	NA	NA	Impairment is natural; no “pollutants”
Crowley Lake	Retain on 303(d) List ⁴	Nitrogen	High	2005	Nutrient loading currently under study
Crowley Lake	Retain on 303(d) List ⁴	Phosphorus	High	2005	Nutrient loading currently under study
Keough Hot Springs	Remove from 303(d) List	Metals	NA	NA	Impairment is natural; no “pollutants”
Tinemaha Reservoir	Remove from 303(d) List	Arsenic	NA	NA	Impairment is natural; no “pollutants”
Tinemaha Reservoir	Retain on 303(d) List	Metals [Copper]	Low	2004	Copper from algicide application
Pleasant Valley Reservoir	Retain on 303(d) List	Nitrogen	High	2006	
Pleasant Valley Reservoir	Retain on 303(d) List ⁴	Phosphorus	High	2006	
Tuttle Creek	Retain on 303(d) List ⁴	Habitat Alterations	Low	2011 ⁵	TMDL probably not needed ⁵
Goodale Creek	Retain on 303(d) List	Sedimentation/Siltation	Low	2009	Further study may lead to delisting
Owens Lake	Remove from 303(d) List	Salinity/TDS/Chlorides	NA	NA	Impairment is natural; no “pollutants”
Cottonwood Creek below LADWP diversion	Retain on 303(d) List	Water/Flow Variability	Low	2011 ⁵	TMDL probably not needed ⁵
Deep Springs HU 605.00					
Deep Springs Lake	Remove from 303(d) List	Salinity/TDS/Chlorides	NA	NA	Impairment is natural; no “pollutants”
Deep Springs Lake	Remove from 303(d) List	Trace Elements	NA	NA	Impairment is natural; no “pollutants”

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Waterbody Name	Proposed Action	Pollutant (s)/Stressor(s)	TMDL Priority Ranking ¹	TMDL End Date ²	Comments
Amargosa HU 609.00					
Amargosa River	Remove from 303(d) List	Salinity/TDS/chlorides	NA	NA	Impairment is natural; no “pollutants”
Trona HU 621.00					
Searles Lake	Remove from 303(d) List	Salinity/TDS/Chlorides	NA	NA	Impairment is natural; no “pollutants”
Searles Lake	Add to 303(d) List	Petroleum Hydrocarbons	Low	After 2015	Documented bird kills from industrial pollutants
Mojave HU 628.00					
Mojave River near Barstow	Remove from 303(d) List	Priority Organics	NA	NA	Ground water, not surface water impairment
Mojave River between Upper and Lower Narrows	Add to 303(d) List	Total Dissolved Solids	High	After 2015	Exceeds drinking water standard
Mojave River between Upper and Lower Narrows	Add to 303(d) List	Chloride	High	After 2015	Exceeds water quality objectives
Mojave River between Upper and Lower Narrows	Add to 303(d) List	Sulfate	High	After 2015	Exceeds water quality objectives
Horseshoe Lake	Retain on 303(d) List	Sedimentation/Siltation	Low	2007	Further study may lead to delisting
Green Valley Lake Creek	Retain on 303(d) List	Priority Organics	Low	2006	Further study may lead to delisting

¹TMDL priority rankings and end dates are shown only for water bodies recommended for inclusion in the 2002 list. The entry “NA” means “not applicable.”

² TMDL end dates are the estimated years for Regional Board adoption of Basin Plan amendments. Plan amendments incorporating TMDLs will not take effect unless and until they receive further approvals from the California State Water Resources Control Board, the California Office of Administrative Law, and the U.S. Environmental Protection Agency.

³ Water bodies are grouped by watersheds in north-to-south order. Watershed (Hydrologic Unit or HU) numbers are Department of Water Resources numbers used in the maps in the Lahontan Basin Plan, and do not run in north-to-south order.

⁴ The entry “Retain on 303(d) List” in the “Proposed Action” column means that this water body/pollutant combination is on the 1998 Section 303(d) list and is proposed to remain on the 2002 list. In some cases the nature of the pollutants or the extent of the impaired segment has been clarified. For example, earlier listings for “nutrients” or “organic enrichment/Low D.O.” may now be changed to separate listings for individual pollutants (nitrogen and phosphorus), and an earlier single entry for habitat alterations in the Owens River has been changed to three separate entries to reflect different segments of the river. Changes are recommended in priority rankings and TMDL end dates for many of the water body/pollutant combinations from the 1998 list.

⁵ Pending revisions to federal regulations for the implementation of Section 303(d) of the Clean Water Act would clarify that TMDLs are not required for waters impaired by flow alterations, water/flow variability and habitat alterations, unless specific “pollutants” are also involved. (Load calculations are not feasible in cases where there are no pollutants.) Under the proposed new regulations, waters impaired by habitat or flow alterations, or by flow variability, would be placed on a separate list of impaired waters to highlight the need for control strategies other than TMDLs.

⁶Clarification of the nature of the pollutants has been added in brackets for some water bodies recommended for removal from the Section 303(d) list. See the fact sheets for these water bodies for further information.

⁷Regional Board staff completed draft Basin Plan amendments incorporating a phosphorus TMDL for Indian Creek Reservoir in November 2000. The Regional Board has been unable to act on these amendments due to lack of a quorum for a vote.

⁸Some waters were listed based on Toxic Substances Monitoring Program (TSMP) fish tissue data. Because sample numbers were small, TSMP data alone are not considered sufficient grounds for listing.